

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
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APPLICANT:

Shinji Aoyama

FILING DATE:
November 15, 2001GROUP ART UNIT:
2643

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|---|--------------|------|------|-------|----------|----------------------------|
| | A | | | | | | |
| | B | | | | | | |
| | C | | | | | | |
| | D | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|------|---|--------------|---------|---------|-------|----------|-------------|
| A-P. | E | 5-145476A | 6/1993 | Japan | | | yes |
| A-P. | F | 10-32631A | 2/1998 | Japan | | | yes |
| A-P. | G | 5-56131 | 3/1993 | Japan | | | yes |
| A-P. | H | 8-307944 | 11/1996 | Japan | | | yes |
| A-P. | I | 5-55979 | 3/1993 | Japan | | | yes |
| A-P. | J | 4-110034 | 9/1992 | Japan | | | yes |
| A-P. | K | 10-178745 | 6/1998 | Japan | | | yes |
| A-P. | L | 5-145605 | 6/1993 | Japan | | | yes |
| A-P. | M | 9-224075 | 8/1997 | Japan | | | yes |
| A-P. | N | 2000-069144 | 3/2000 | Japan | | | yes |
| A-P. | O | 11-055384 | 2/1999 | Japan | | | yes |
| A-P. | P | 2000-324237 | 11/2000 | Japan | | | yes |
| A-P. | Q | 2000-312178 | 11/2000 | Japan | | | yes |
| A-P. | R | 2000-188780 | 7/2000 | Japan | | | yes |

OTHER REFERENCES (including website title, date, document, page, link)

S

Examiner:

Date Considered

08/02/04

*Examiner:

Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.